

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A display device comprising:
a plurality of pixels each ~~configured by~~ having a switching element and a light-emitting a substrate in matrix;
a plurality of source signal lines ~~disposed~~ for one pixel column; and
one gate signal line ~~disposed~~ for one pixel row,
wherein~~[[:]]~~ the switching element has an input terminal, an output terminal, and a control terminal;

wherein the input terminal is electrically connected to any one of the plurality of source signal lines;

wherein the output terminal is electrically connected to the light-emitting element; and
wherein the control terminal is electrically connected to the gate signal line.

2. (Currently Amended) A display device comprising:
a plurality of pixels each ~~configured by~~ having a switching element and a light-emitting element ~~disposed on~~ over a substrate in matrix;
a plurality of source signal lines ~~disposed~~ for one pixel column; ~~[[and]]~~
one gate signal line ~~disposed~~ for one pixel row~~[[,]]~~; and
a plurality of source signal line driver circuits each electrically connected to at least one of the plurality of source signal lines,

wherein~~[[:]]~~ the switching element has an input terminal, an output terminal, and a control terminal;

wherein the input terminal is electrically connected to any one of the plurality of source signal lines;

wherein the output terminal is electrically connected to the light-emitting element; and
wherein the control terminal is electrically connected to the gate signal line; ~~and~~
~~a plurality of source signal line driver circuits each electrically connected to at least one of the plurality of source signal lines is provided.~~

3. (Currently Amended) A display device comprising:
a plurality of pixels each ~~configured by~~ having a switching element and a light-emitting element ~~disposed on~~ over a substrate in matrix;
a plurality of source signal lines ~~disposed~~ for one pixel column; ~~[[and]]~~
~~[[one]]~~ gate signal line ~~disposed~~ lines each for one pixel row~~[[,]]; and~~
a gate signal line driver circuit driving the gate signal lines simultaneously,
wherein[[:]] the switching element has an input terminal, an output terminal, and a control terminal;

wherein the input terminal is electrically connected to any one of the plurality of source signal lines;

wherein the output terminal is electrically connected to the light-emitting element; and
wherein the control terminal is electrically connected to one of the gate signal line; ~~and~~
lines

~~one gate signal line driver circuit which drives a plurality of the gate signal lines simultaneously is provided.~~

4. (Currently Amended) The display device according to claim 2,
wherein each of the plurality of source signal line driver ~~circuit~~ circuits is a current output type source signal line driver circuit.

5. (Currently Amended) The display device according to claim 2,

wherein each of the plurality of source signal line driver ~~circuit circuits~~ is ~~configured by~~
formed using a thin film transistor.

6. (Currently Amended) The display device according to claim 2,
wherein each of the plurality of source signal line driver ~~circuit circuits~~ is formed ~~[[on]]~~
over the same substrate as the switching element.

7. (Currently Amended) The display device according to claim 2,
wherein each of the plurality of source signal line driver ~~circuit circuits~~ is ~~the one~~
mounted over a semiconductor chip.

8. (Currently Amended) The display device according to claim 2,
wherein a each of the plurality of the source signal line driver circuits ~~are divided to~~
~~dispose~~ is disposed on ~~both sides~~ a side of a region where the plurality of pixels are disposed.

9. (Currently Amended) The display device according to claim 2,
wherein at least one of the plurality of source signal line driver ~~circuit circuits~~ drives any
one of the plurality of source signal lines.

10. (Currently Amended) The display device according to claim 2,
wherein each of the plurality of source signal line driver ~~circuit circuits~~ is ~~configured by a~~
~~transistor~~ formed using transistors having a single polarity.

11. (Currently Amended) The display device according to claim 3,
wherein the gate signal line driver circuit is ~~configured by~~ formed using a thin film
transistor.

12. (Original) The display device according to claim 3,

wherein the gate signal line driver circuit is formed on the same substrate as the switching element.

13. (Currently Amended) The display device according to claim 3,
wherein the gate signal line driver circuit is ~~the one~~ mounted over a semiconductor chip.

14. (Currently Amended) The display device according to claim 3,
wherein the gate signal line driver circuit is ~~configured by a transistor~~ formed using transistors having a single polarity.

15. (Currently Amended) The display device according to ~~any one of claims 1 to 3~~ claim 1,
wherein the switching element is ~~configured by~~ comprises one thin film transistor.

16. (Currently Amended) The display device according to ~~any one of claims 1 to 3~~ claim 1,
wherein the switching element is ~~configured by~~ comprises a multi-gate thin film transistor.

17. (Currently Amended) The display device according to ~~any one of claims 1 to 3~~ claim 1,
wherein the light-emitting element is an EL element.

18. (Currently Amended) An electronic apparatus equipped the display device according to ~~any one of claims 1 to 3~~ claim 1, including wherein the electronic apparatus is one selected from the group consisting of a video camera, a digital camera, a notebook personal computer, a mobile computer, a portable image reproducing device provided with a recording medium, a head mounted display, a game machine, a car navigation system, a personal computer, a portable

information terminal, a mobile phone, an electronic book, a folding portable display device, and a wristwatch type display device.

19. (Currently Amended) A driving method of a display device comprising the steps of:
turning switching elements ON by driving a plurality of gate signal lines simultaneously;
inputting a signal of one of a plurality of source signal lines to a light-emitting element;
and
driving the light-emitting element,
wherein a plurality of pixels each ~~configured by~~ having a switching element and ~~{{a}}~~ the
light-emitting element is disposed on a substrate in matrix;
[[a]] wherein the plurality of source signal lines is disposed for one pixel column;
[[one]] wherein each of the plurality of gate signal [[line]] lines is disposed for one pixel
row;
wherein the switching element has an input terminal, an output terminal, and a control
terminal;
wherein the input terminal is electrically connected to [[any]] one of the plurality of
source signal lines;
wherein the output terminal is electrically connected to the light-emitting element; and
wherein the control terminal is electrically connected to one of the plurality of the gate
signal line; and lines
~~wherein a plurality of the gate signal lines is driven simultaneously and a plurality of the~~
~~switching elements are turned ON so that a signal of any one of the plurality of source signal~~
~~lines is input to the light-emitting element and the light-emitting element is driven.~~

20. (Currently Amended) The driving method of the display device according to claim 19,
wherein the switching element is ~~configured by~~ comprises one thin film transistor.

21. (Currently Amended) The driving method of the display device according to claim 19,

wherein the switching element is ~~configured by~~ comprises a multi-gate thin film transistor.

22. (Original) The driving method of the display device according to claim 19, wherein the light-emitting element is an EL element.

23. (New) The display device according to claim 2, wherein the switching element consists of one thin film transistor.

24. (New) The display device according to claim 3, wherein the switching element consists of one thin film transistor.

25. (New) The display device according to claim 2, wherein the switching element consists of a multi-gate thin film transistor.

26. (New) The display device according to claim 3, wherein the switching element consists of a multi-gate thin film transistor.

27. (New) The display device according to claim 2, wherein the light-emitting element is an EL element.

28. (New) The display device according to claim 3, wherein the light-emitting element is an EL element.

29. (New) An electronic apparatus equipped the display device according to any one of claim 2, wherein the electronic apparatus is one selected from the group consisting of a video camera, a digital camera, a notebook personal computer, a mobile computer, a portable image reproducing device provided with a recording medium, a head mounted display, a game machine,

a car navigation system, a personal computer, a portable information terminal, a mobile phone, an electronic book, a folding portable display device, and a wristwatch type display device.

30. (New) An electronic apparatus equipped the display device according to claim 3, wherein the electronic apparatus is one selected from the group consisting of a video camera, a digital camera, a notebook personal computer, a mobile computer, a portable image reproducing device provided with a recording medium, a head mounted display, a game machine, a car navigation system, a personal computer, a portable information terminal, a mobile phone, an electronic book, a folding portable display device, and a wristwatch type display device.